



PTO/SB/21 (07-06)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

8+refs

Application Number

10/627,582

Filing Date

July 25, 2003

First Named Inventor

Vander Horn, Peter B.

Art Unit

1652

Examiner Name

Richard G. Hutson

Attorney Docket Number

020130-001510US

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request

Information Disclosure Statement-
Supplemental w/fee (in duplicate),
form PTO/SB/08A, EPO suppl.
search, and refs. B3-B7Certified Copy of Priority
Document(s)Reply to Missing Parts/ Incomplete
ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional ApplicationPower of Attorney, Revocation
Change of Correspondence Address

Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):

Return Postcard

Remarks

The Commissioner is authorized to charge any additional fees to Deposit
Account 20-1430.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Townsend and Townsend and Crew LLP

Signature

Printed name

Jean M. Lockyer, Ph.D.

Date

May 8, 2007

Reg. No.

44,879

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature

Typed or printed name

Malinda C. Dagit

Date

8 May 2007

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
Attorney Docket No.: 020130-001510US
Client Reference No.: MJP0017



On 8 May 2007

TOWNSEND and TOWNSEND and CREW LLP

By: Malinda C. Dagit
Malinda C. Dagit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

VANDER HORN and WANG

Application No.: 10/627,582

Filed: July 25, 2003

For: NOVEL COMPOSITIONS WITH
POLYMERASE ACTIVITY

Examiner: Richard G. Hutson

Art Unit: 1652

SUPPLEMENTAL INFORMATION
DISCLOSURE STATEMENT UNDER
37 CFR §1.97 and §1.98

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed. Also enclosed is a copy of the Search/Examination report corresponding to the European application.

It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

05/14/2007 RFEHADU1 00000016 201430 10627582
01 FC:1606 180.00 DA

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

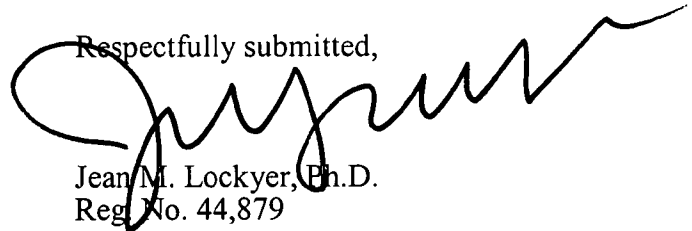
This IDS is being filed on or before payment of the issue fee.

CERTIFICATION

I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.

Please charge the IDS fee of \$180 to Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,



Jean M. Lockyer, Ph.D.
Reg. No. 44,879

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Substitute Form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/627,582
				Filing Date	July 25, 2003
				First Named Inventor	Vander Horn, Peter B.
				Art Unit	1652
				Examiner Name	Richard G. Hutson
Sheet	1	of	1	Attorney Docket Number	020130-001510US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
RH	B1	US-5,489,523	02-06-1996	Mathur	
	B2	US-5,834,285	11-10-1998	Comb et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	B3	WO	01/61015	A2	08-23-2001			<input type="checkbox"/>

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	B4	BILES, Benjamin D. et al.; "Low-fidelity <i>Pyrococcus furiosus</i> DNA polymerase mutants useful in error-prone PCR"; 2004, <u>Nucleic Acids Research</u> , Vol. 32, No. 22, 7 pages.	<input type="checkbox"/>
	B5	EVANS, Steven J. et al.; "Improving dideoxynucleotide-triphosphate utilization by the hyperthermophilic DNA polymerase from the archaeon <i>Pyrococcus furiosus</i> "; 2000, <u>Nucleic Acids Research</u> , Vol. 28, No. 5, pp. 1059-1066.	<input type="checkbox"/>
	B6	PERLER, Francine B. et al.; "Thermostable DNA Polymerases"; 1996, <u>Advances in Protein Chemistry</u> , Vol. 48, pp. 377-435.	<input type="checkbox"/>
	B7	"DNA polymerase (Fragment). Egkiitrgle Ivrrdwseia Ketqakvlea Ilkhgnveea Vkivkevtel Lsnyeipvek"; 2001, EBI accession No. UNIPROT: Q9HH98, Database accession No. Q9HH98, 1 page abstract.	<input type="checkbox"/>

Examiner Signature	/Richard Hutson/	Date Considered	7/21/2008
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.